Mathematics Library
510.5
D877
v.17
1950

CONTENTS

VOLUME 17, 1950

APOSTOL, T. M. Generalized Dedekind sums and transformation formulae of certain Lambert series 147

ARENS, RICHARD. Representation of functionals by integrals 499

ATKINSON, F. V. The Riemann zeta-function 63

BELL, P. O. A theorem of Cartan 453

BELLMAN, RICHARD. A note on the summability of formal solutions of linear integral equations 53

BELLMAN, RICHARD. Ramanujan sums and the average value of arithmetic functions 159

DE BRUIJN, N. G. The roots of trigonometric integrals 197

CHENG, MIN-TEH. The Gibbs phenomenon and Bochner's summation method (I) 83

CHENG, MIN-TEH. The Gibbs phenomenon and Bochner's summation method (II) 477

COHEN, I. S. Commutative rings with restricted minimum condition 27

COURT, N. A. Semi-inverse tetrahedrons 75

DOYLE, THOMAS C. Invariant theory of the general ordinary, linear, homogeneous, second order, differential boundary problem 249

EGGLESTON, H. G. A property of Hausdorff measure 491

ESTILL, MARY ELLEN. Concerning abstract spaces 317

EVERETT, C. J. AND RYSER, H. J. Rational vector spaces II 135

GELBAUM, BERNARD R. Expansions in Banach spaces 187

586924

GRAVES, LAWRENCE M. Some mapping theorems 111

GREEN, JOHN W. Sets subtending a constant angle on a circle 263

GROSSWALD, EMIL. Functions of bounded variation 313

HARARY, FRANK. Atomic Boolean-like rings with finite radical 273

HARROLD, O. G., JR. Euclidean domains with uniformly Abelian local fundamental groups, II 269

HIRSCHMAN, I. I., JR., AND WIDDER, D. V. Generalized inversion formulas for convolution transforms, II 391

HUFF, GERALD B. Cremona's equations and the properness inequalities .. 385

KAPLAN, SAMUEL. Extensions of the Pontrjagin duality II: Direct and inverse sequences 419

KELLEY, J. L. Convergence in topology 277

KLOOSTERMAN, H. D. Derivatives and finite differences 169

VAN DER KULK, W. The univalent algebraic transformations of the projective plane 367

LEIGHTON, WALTER. The detection of the oscillation of solutions of a second order linear differential equation 57

LEVINE, JACK. Fields of parallel vectors in conformally flat spaces 15

MCSHANE, E. J. The differentials of certain functionals in exterior ballistics 115

MASSERA, JOSÉ L. The existence of periodic solutions of systems of differential equations 457

MAUTNER, F. I. The structure of the regular representation of certain discrete groups 437

MENGER, KARL. The projective space 1

PARKER, S. T. Convergence factor and regularity theorems for convergent integrals 91

PARKER, W. V. The matrix equation $AX = XB$ 43

RAMLER, O. J. A poristic system of triangles 443

ROSENBAUM, R. A. Sub-additive functions 227

RYSER, H. J. AND EVERETT, C. J. Rational vector spaces II 135

SCHIFFER, MENAHEM. Various types of orthogonalization 329

SHANKS, E. BAYLIS. Homothetic correspondences between Riemannian spaces 299

SHERMAN, SEYMOUR. A problem of Raĭkov 21

TAYLOR, ANGUS E. Weak convergence in the spaces H^p 409

VERBLUNSKY, S. A theorem on quartic polynomials 507

WALTON, L. F. Ideal numbers over integral domains having non-maximal prime ideals 285

WHYBURN, G. T. Open and closed mappings 69

WIDDER, D. V. AND HIRSCHMAN, I. I., JR. Generalized inversion formulas for convolution transforms, II 391

WILSON, R. L. A method for the determination of the Galois group 403

586924